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PHYTOCHEMISTRY

AIMS AND SCOPE

Phytochemistry is the international journal of plant biochemistry and molecular biology, published 18 times per annum by Elsevier Science. It is the official organ of 'The Phytochemical Society of Europe' and 'The Phytochemical Society of North America'. It is intended to cover research on all aspects of pure and applied plant biochemistry, especially that which leads to a deeper understanding of the factors underlying the growth, development and metabolism of plants and the chemistry of plant constituents. The journal is currently divided into eight sections, as indicated below, but papers which cut across these sections or which are on any other aspect of plant biochemistry will also be considered.

Review articles are published at regular intervals and they cover almost every aspect of the subject from primary metabolism and regulation of plant growth through plant enzymology to natural product chemistry. They deal with significant new areas of research and are intended to command the interest of the general reader. Authors should consult the editors before preparing such articles, by submitting an outline of their proposed review.

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The *Bioactive Plant Products* section contains papers on novel plant chemistry, where the biological activities of one or more of the new plant compounds are described. Bioassay data should include comparable results for a known agent, so that the reader can judge the relative importance of any new finding. Full experimental details of the biological tests should be provided.

The *Plant Chemistry* section is arranged in an ordered sequence and contains papers on: growth substances, macromolecules, primary metabolites, terpenoids, polyketides, phenylpropanoids, flavonoids, alkaloids and compounds of mixed biosynthetic origin. Authors investigating the chemistry of a given plant species should aim to publish their results in a single manuscript rather than in a series of papers, describing each new compound as it is found. The structural analysis of new plant substances is now so routine that papers reporting a single novel compound of expectable structure (e.g. a new triterpene fatty acid ester) are rarely acceptable, unless other novel information on the plant is included.

The *Short Reports* section contains concise papers representing significant contributions to scientific knowledge which can be adequately included in up to two printed pages (i.e. 6–8 pages of mss.). They need to be as fully documented and as accurate as full papers and are presented in the same style. Reports of known compounds, however rare, from new plant sources will not generally be accepted *unless* they have real chemotaxonomic or other chemical and biological significance.

Special Publications are published at regular intervals. Papers appearing under this heading will have received accelerated publication due to their particular significance in the field of plant biochemistry.

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Authors should consult the latest Instructions list (see *Phytochemistry* Vol. 41, No. 1, pp. 1–6, 1996) before preparing their manuscripts. All contributions must be in English and should be submitted to either the *Editor-in-Chief*, Prof. J. B. Harborne, Plant Science Laboratories, The University, Reading, RG6 2AS, U.K., telephone (U.K.) +44 (01)734 318160, fax (U.K.) +44 (01)734 753676, or to the *Associate Editor (North America)*, Prof. N. G. Lewis, Institute of Biological Chemistry, Washington State University, Pullman, WA 99164-6340, U.S.A., telephone (U.S.A.) +1 509 335 3412, fax (U.S.A.) +1 509 335 7643.

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